

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060120\
 Data File : VU038478.D
 Acq On : 01 Jun 2020 18:00
 Operator : JC/MD
 Sample : L2789-16
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 02 05:30:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 02 05:25:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	304136	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	297246	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	142056	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	78073	3.97	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.40%
7) Chloroethane-d5	1.93	69	70686	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.40%
11) 1,1-Dichloroethene-d2	2.59	63	123481	3.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.80%
20) 2-Butanone-d5	4.67	46	350855	58.67	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.34%
24) Chloroform-d	5.10	84	188566	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.00%
26) 1,2-Dichloroethane-d4	5.74	65	116480	5.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.00%
32) Benzene-d6	5.76	84	373790	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.80%
36) 1,2-Dichloropropane-d6	6.72	67	115544	5.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.20%
41) Toluene-d8	7.92	98	306079	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.00%
43) trans-1,3-Dichloropropene-	8.20	79	46311	4.72	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.40%
46) 2-Hexanone-d5	8.65	63	298071	61.51	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	123.02%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	106393	5.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.80%
64) 1,2-Dichlorobenzene-d4	12.20	152	129685	5.29	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.80%

Target Compounds

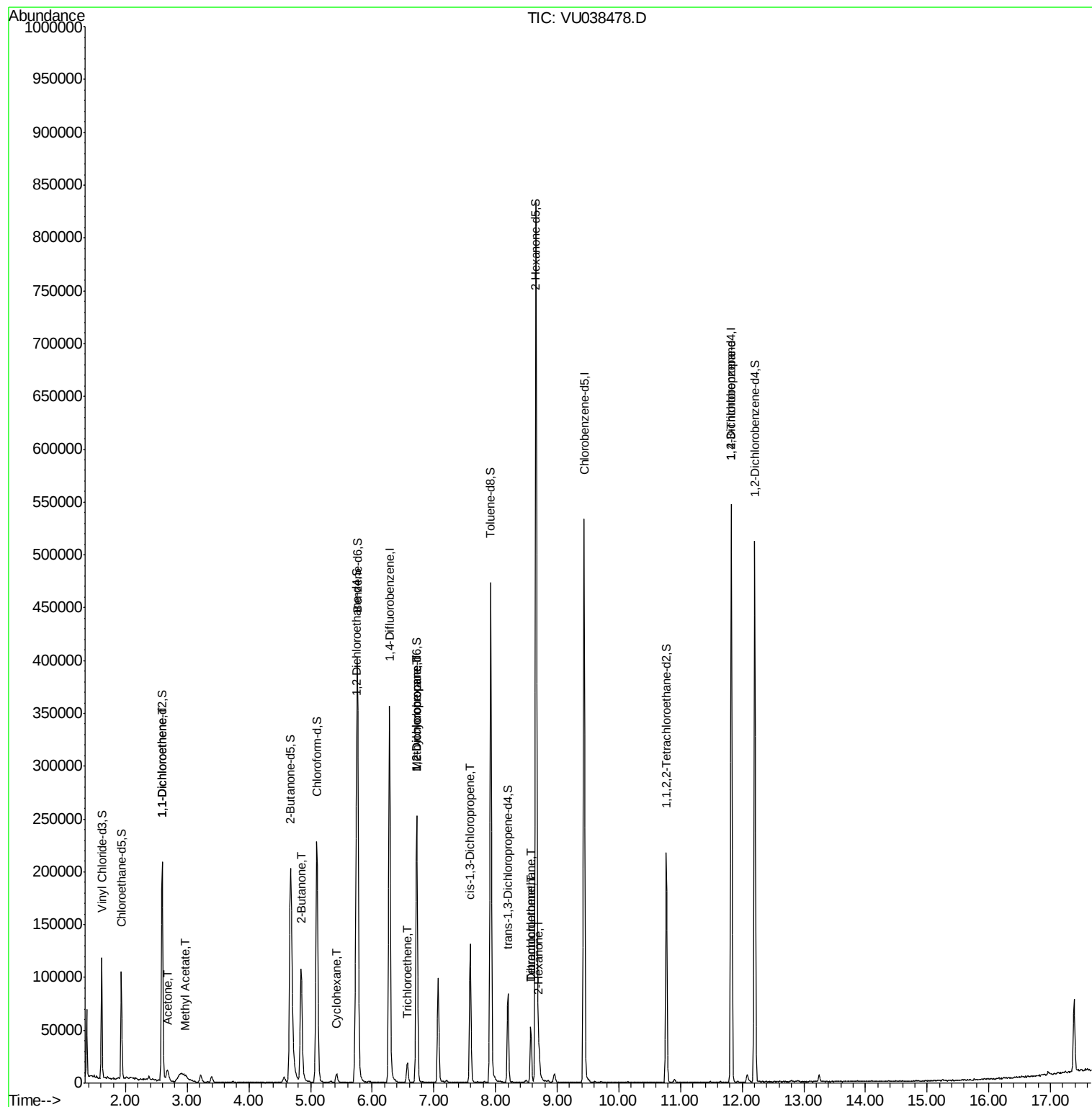
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.60	96	1160	0.062	ug/L #	1
13) Acetone	2.68	43	21560	5.509	ug/L	94
15) Methyl Acetate	2.98	43	1586	0.165	ug/L #	57
21) 2-Butanone	4.85	43	146823	22.307	ug/L #	50
30) Cyclohexane	5.42	56	4103	0.124	ug/L	94
34) Trichloroethene	6.57	95	5763	0.268	ug/L	92
35) Methylcyclohexane	6.72	83	28597	0.859	ug/L #	18
37) 1,2-Dichloropropane	6.72	63	12989	0.623	ug/L #	86
39) cis-1,3-Dichloropropene	7.59	75	3511	0.114	ug/L #	81
47) Tetrachloroethene	8.57	164	11728	0.750	ug/L	97
48) 2-Hexanone	8.71	43	11888	1.052	ug/L	96
49) Dibromochloromethane	8.57	129	11717	0.690	ug/L #	11
59) 1,2,3-Trichloropropane	11.83	75	18131	1.165	ug/L	90

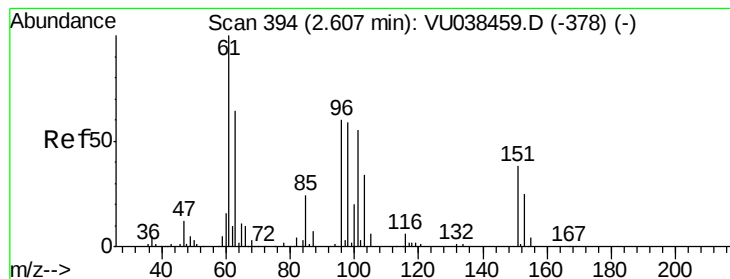
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jun 02 05:25:28 2020
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.062 ug/L

RT: 2.60 min Scan# 392

Delta R.T. -0.01 min

Lab File: VU038478.D

Acq: 01 Jun 2020 18:00

Instrument :

MSVOA_U

ClientSampleId :

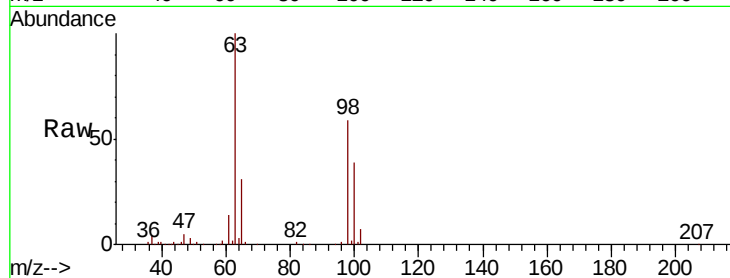
Tot Ion: 96 Resp: 1160

Ion Ratio Lower Upper

96 100

61 1346.4 119.9 222.7#

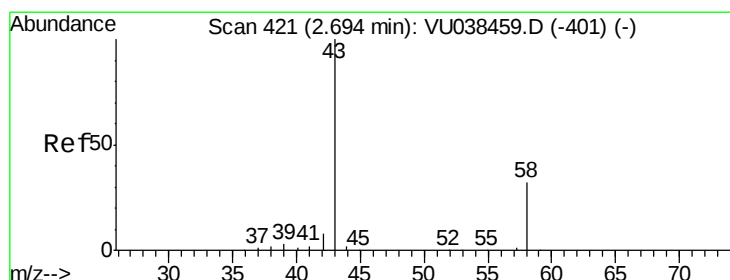
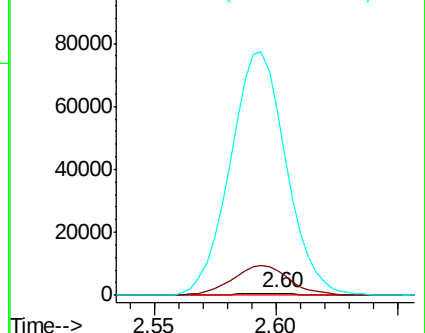
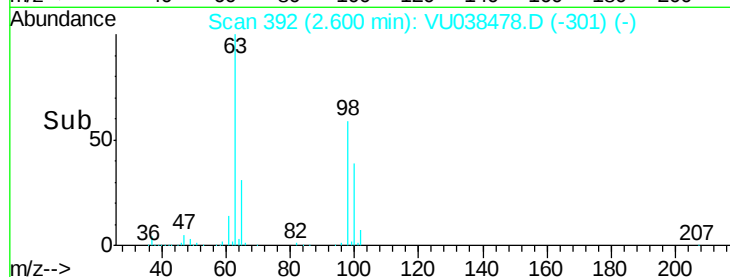
63 9816.5 89.9 167.0#



Abundance Ion 96.00 (95.70 to 96.70): VU038478.D (-301) (-)

Ion 61.05 (60.75 to 61.75): VU038478.D (-301) (-)

Ion 63.00 (62.70 to 63.70): VU038478.D (-301) (-)



#13

Acetone

Concen: 5.509 ug/L

RT: 2.68 min Scan# 416

Delta R.T. -0.02 min

Lab File: VU038478.D

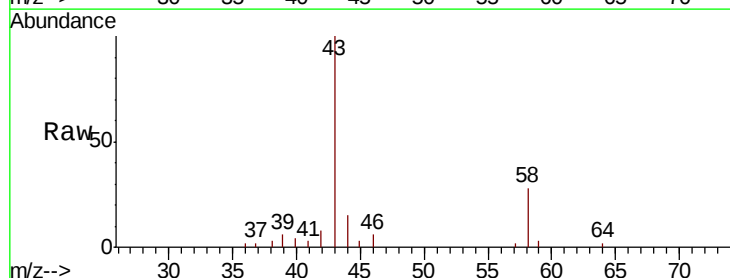
Acq: 01 Jun 2020 18:00

Tgt Ion: 43 Resp: 21560

Ion Ratio Lower Upper

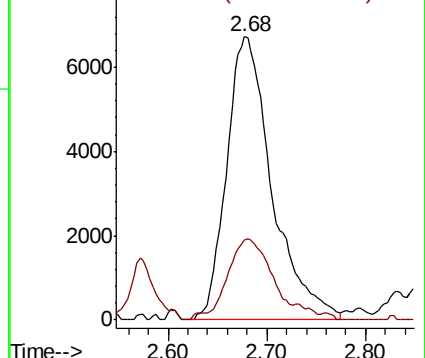
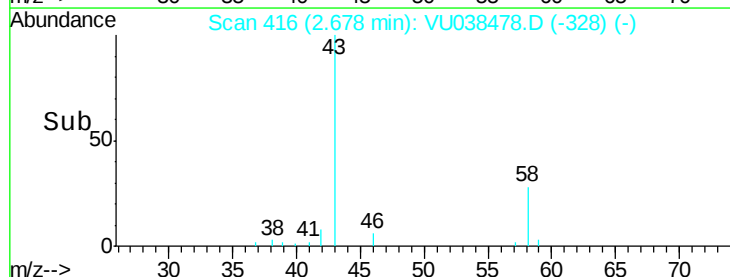
43 100

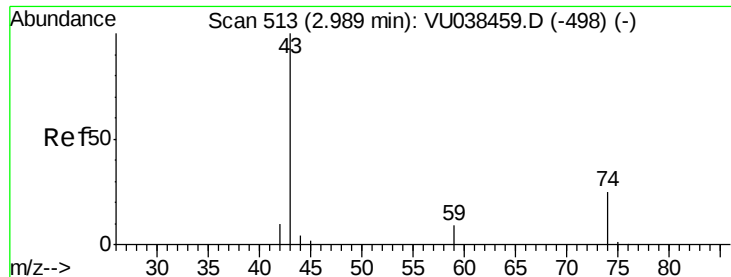
58 29.5 0.0 65.6



Abundance Ion 43.05 (42.75 to 43.75): VU038478.D (-328) (-)

Ion 58.05 (57.75 to 58.75): VU038478.D (-328) (-)





#15

Methyl Acetate

Concen: 0.165 ug/L

RT: 2.98 min Scan# 511

Delta R.T. -0.01 min

Lab File: VU038478.D

Acq: 01 Jun 2020 18:00

Instrument :

MSVOA_U

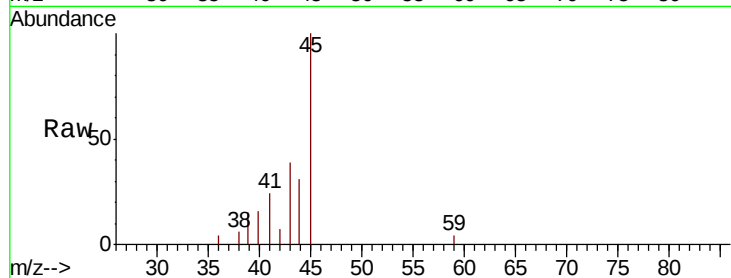
ClientSampled :

Tot Ion: 43 Resp: 1586

Ion Ratio Lower Upper

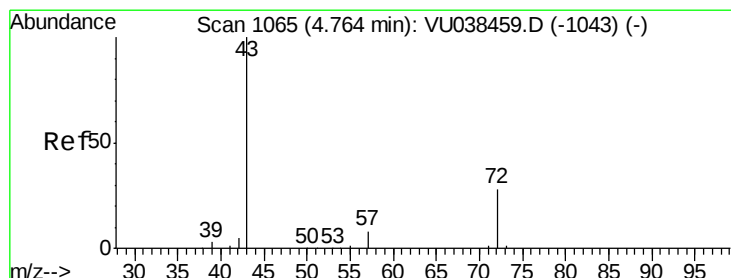
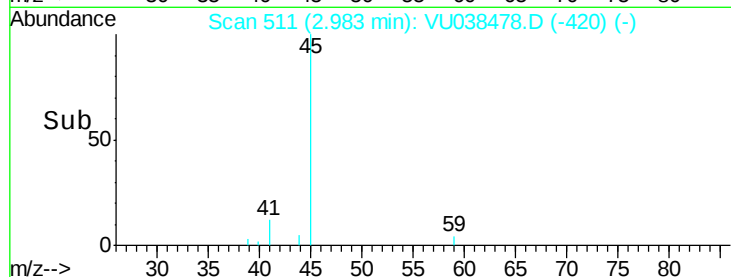
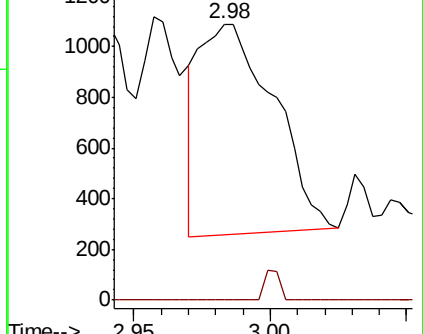
43 100

74 2.8 19.2 28.8#



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 74.05 (73.75 to 74.75): VU0



#21

2-Butanone

Concen: 22.307 ug/L

RT: 4.85 min Scan# 1091

Delta R.T. 0.08 min

Lab File: VU038478.D

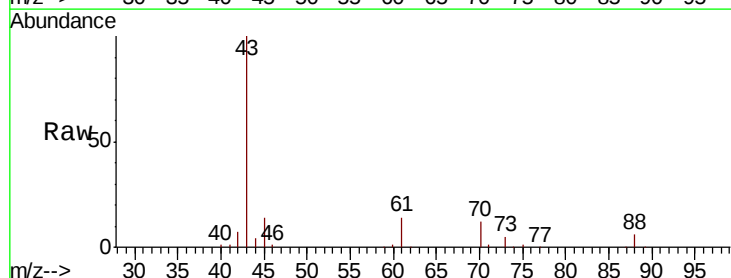
Acq: 01 Jun 2020 18:00

Tgt Ion: 43 Resp: 146823

Ion Ratio Lower Upper

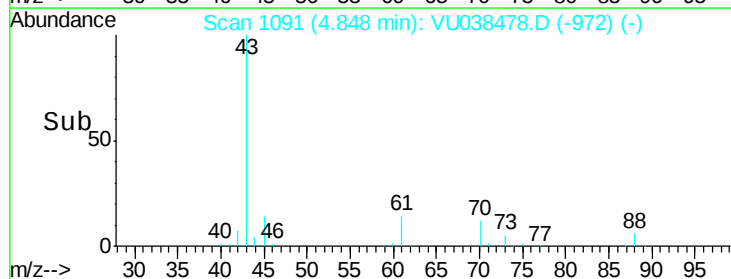
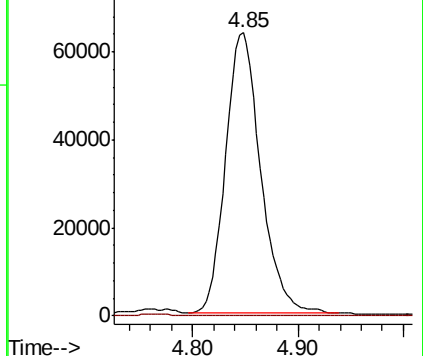
43 100

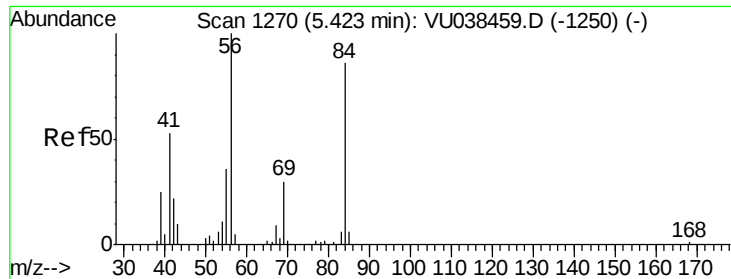
72 0.0 12.6 37.8#



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 72.10 (71.80 to 72.80): VU0

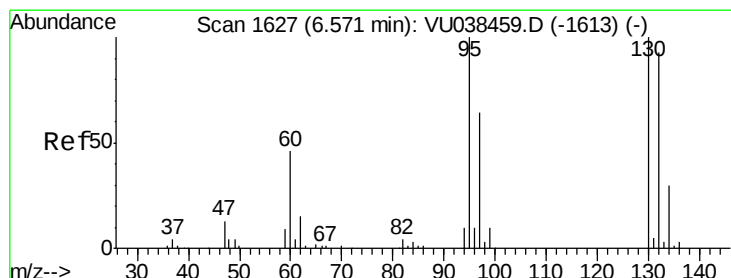
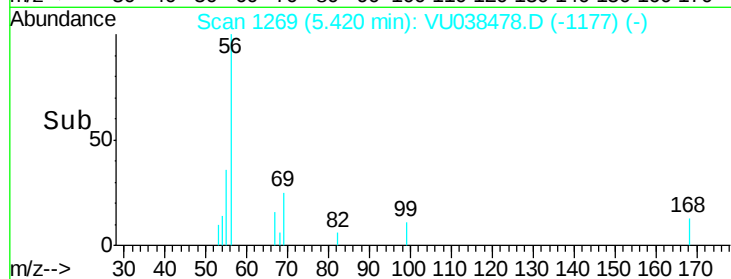
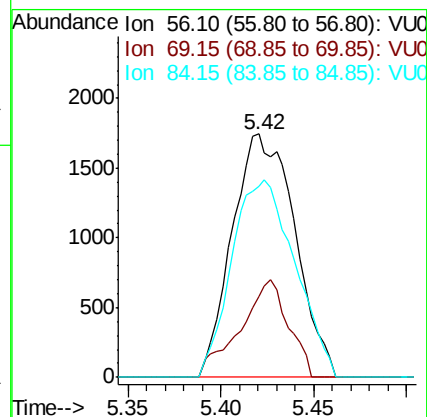
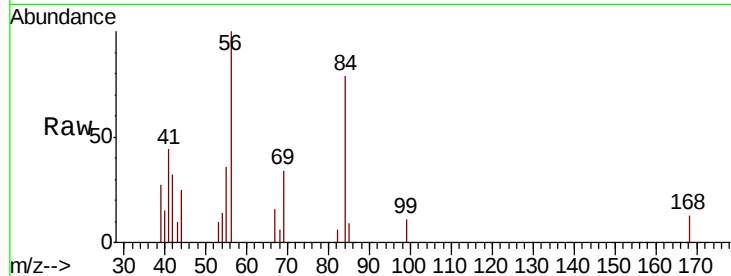




#30
Cyclohexane
Concen: 0.124 ug/L
RT: 5.42 min Scan# 1269
Delta R.T. -0.00 min
Lab File: VU038478.D
Acq: 01 Jun 2020 18:00

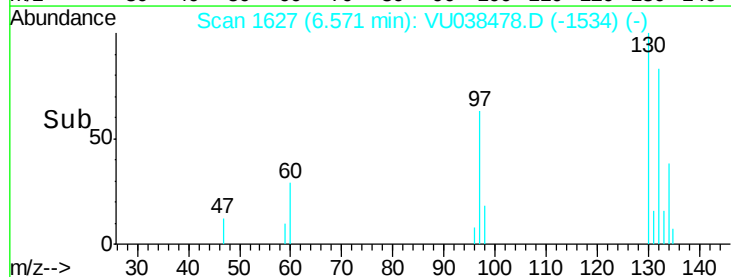
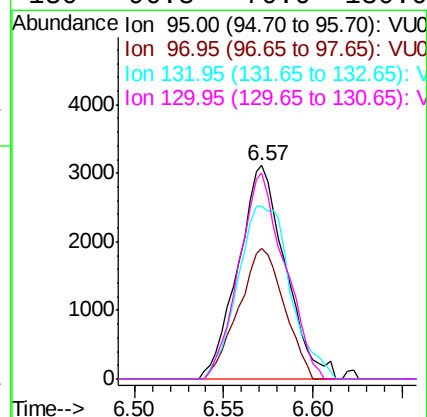
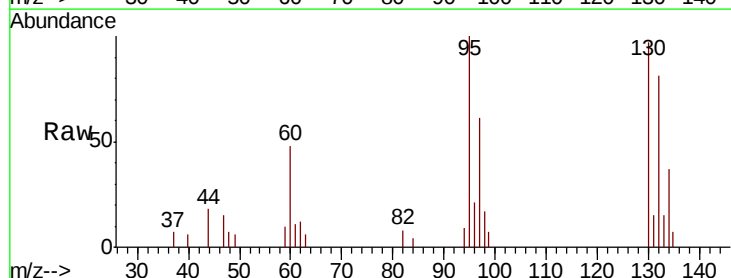
Instrument :
MSVOA_U
ClientSampleId :

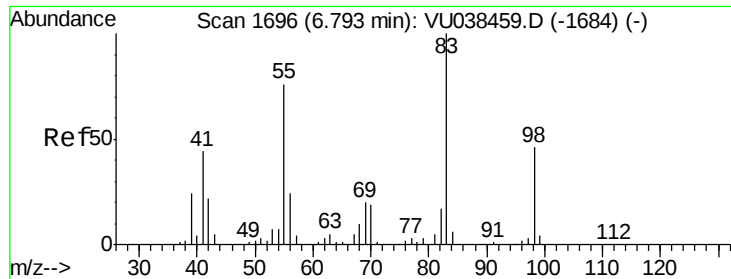
Tot Ion: 56 Resp: 4103
Ion Ratio Lower Upper
56 100
69 30.9 24.2 36.4
84 81.8 70.8 106.2



#34
Trichloroethene
Concen: 0.268 ug/L
RT: 6.57 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VU038478.D
Acq: 01 Jun 2020 18:00

Tgt Ion: 95 Resp: 5763
Ion Ratio Lower Upper
95 100
97 61.2 46.8 87.0
132 80.7 66.1 122.7
130 96.8 70.0 130.0

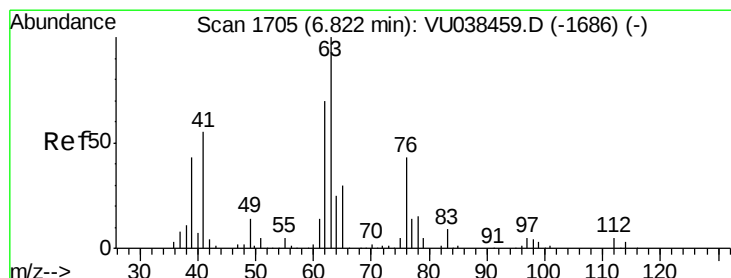
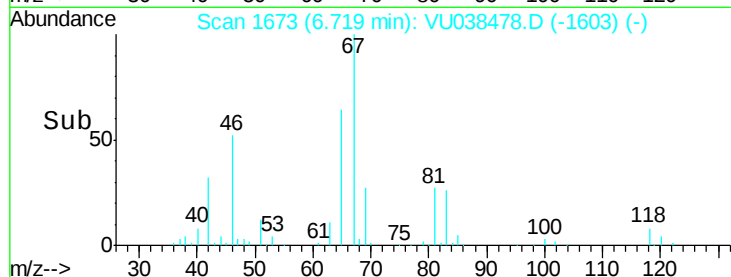
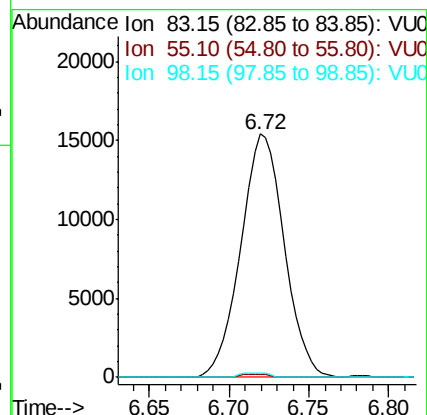
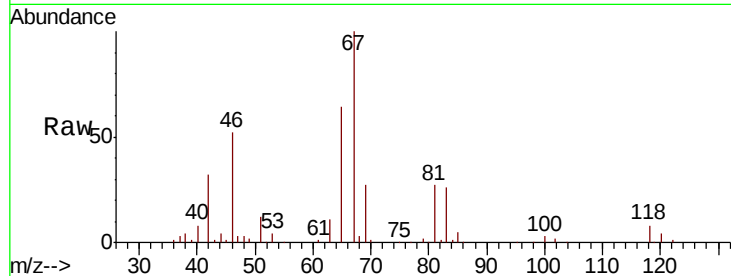




#35
Methvlcvclohexane
Concen: 0.859 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU038478.D
Acq: 01 Jun 2020 18:00

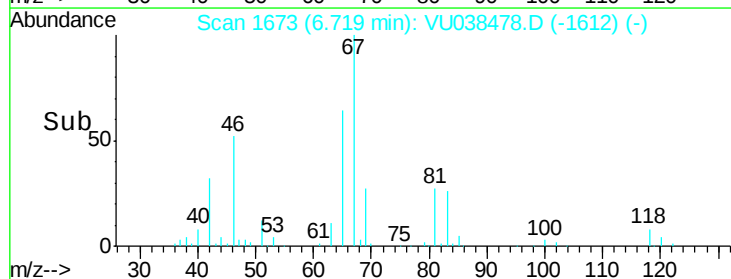
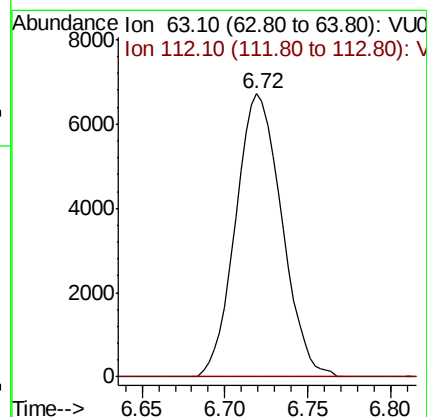
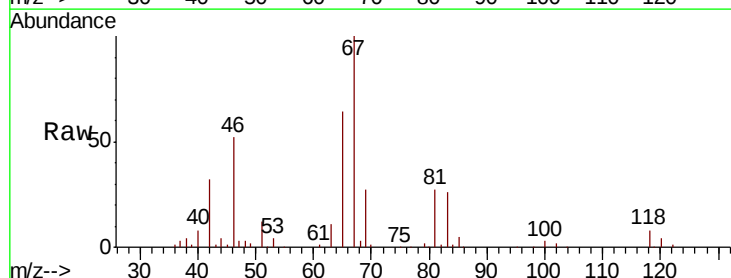
Instrument :
MSVOA_U
ClientSampleId :

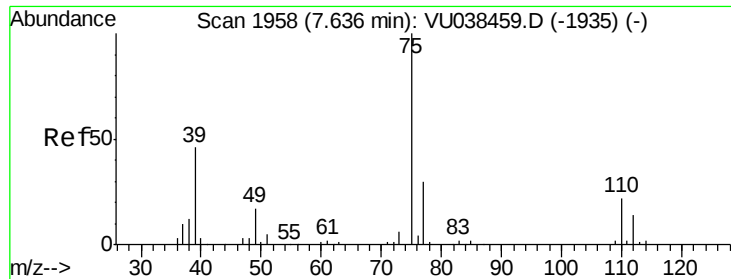
Tot Ion: 83 Resp: 28597
Ion Ratio Lower Upper
83 100
55 0.8 63.4 95.2#
98 1.1 39.0 58.4#



#37
1,2-Dichloropropane
Concen: 0.623 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.10 min
Lab File: VU038478.D
Acq: 01 Jun 2020 18:00

Tgt Ion: 63 Resp: 12989
Ion Ratio Lower Upper
63 100
112 0.0 3.7 5.5#





#39

cis-1,3-Dichloropropene

Concen: 0.114 ug/L

RT: 7.59 min Scan# 1944

Delta R.T. -0.04 min

Lab File: VU038478.D

Acq: 01 Jun 2020 18:00

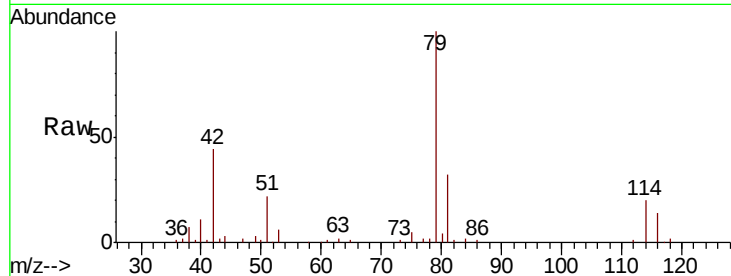
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 75 Resp: 3511

Ion Ratio Lower Upper

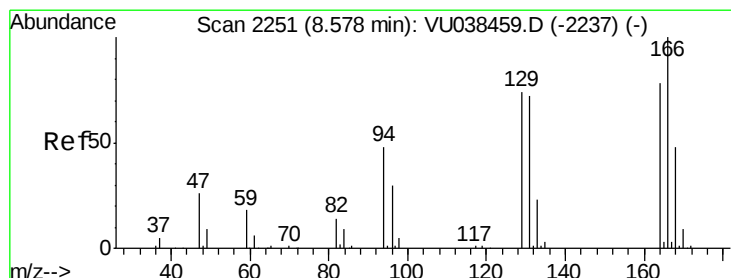
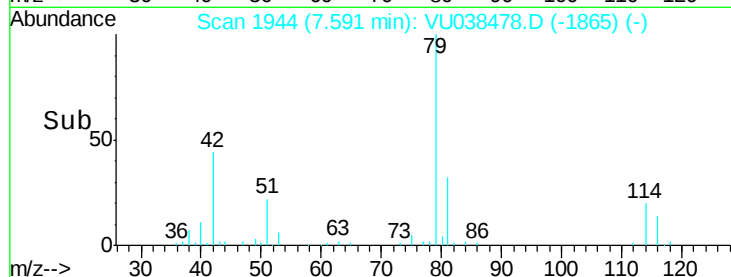
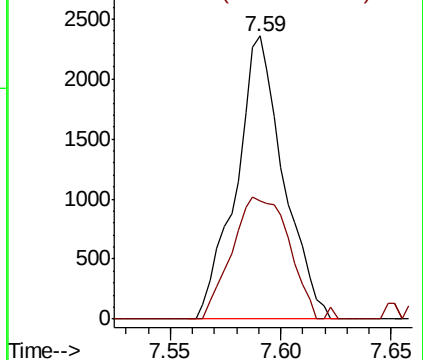
75 100

77 41.6 21.9 40.7#



Abundance Ion 75.05 (74.75 to 75.75): VU038459.D (-1935) (-)

Ion 77.05 (76.75 to 77.75): VU038459.D (-1935) (-)



#47

Tetrachloroethene

Concen: 0.750 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. -0.00 min

Lab File: VU038478.D

Acq: 01 Jun 2020 18:00

Tgt Ion:164 Resp: 11728

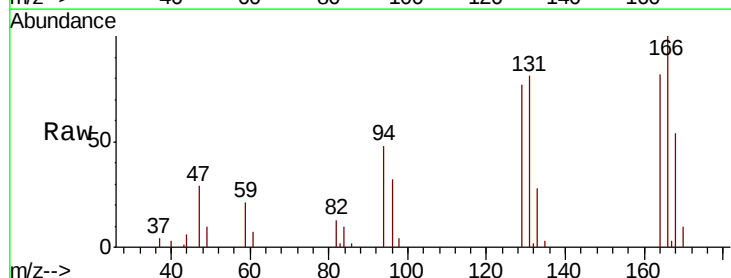
Ion Ratio Lower Upper

164 100

129 93.9 67.4 125.2

131 99.2 64.1 119.1

166 122.4 85.7 159.1

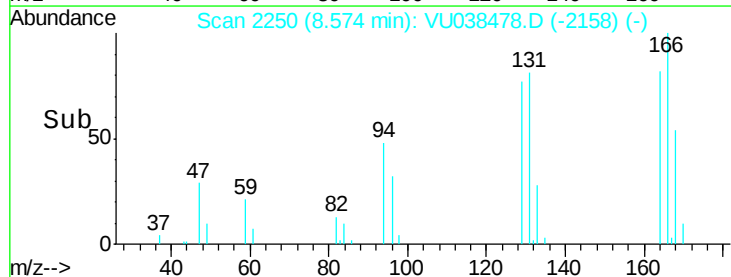
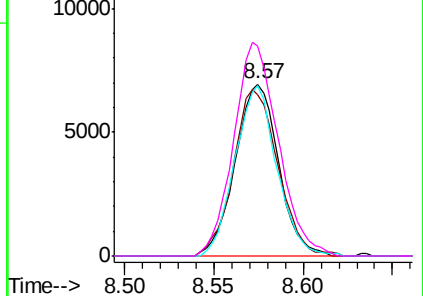


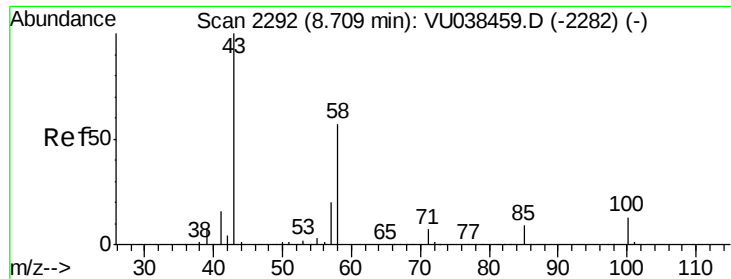
Abundance Ion 163.90 (163.60 to 164.60): VU038459.D (-2237) (-)

Ion 128.95 (128.65 to 129.65): VU038459.D (-2237) (-)

Ion 130.95 (130.65 to 131.65): VU038459.D (-2237) (-)

Ion 165.90 (165.60 to 166.60): VU038459.D (-2237) (-)

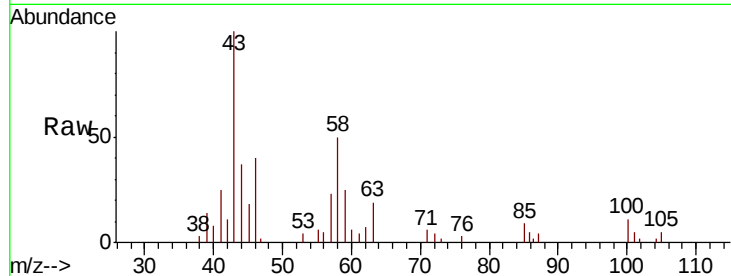




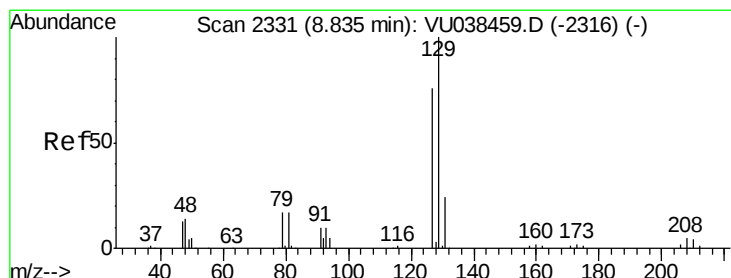
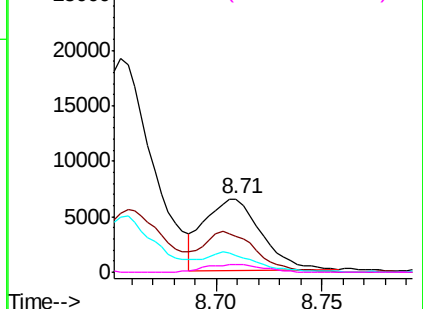
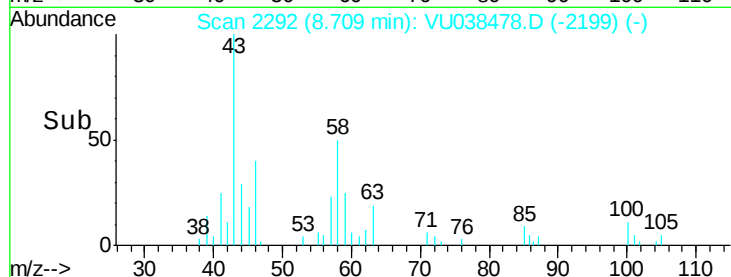
#48
2-Hexanone
Concen: 1.052 ug/L
RT: 8.71 min Scan# 2292
Delta R.T. 0.00 min
Lab File: VU038478.D
Acq: 01 Jun 2020 18:00

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 43 Resp: 11888
Ion Ratio Lower Upper
43 100
58 54.5 45.4 68.0
57 22.6 15.9 23.9
100 11.4 10.5 15.7

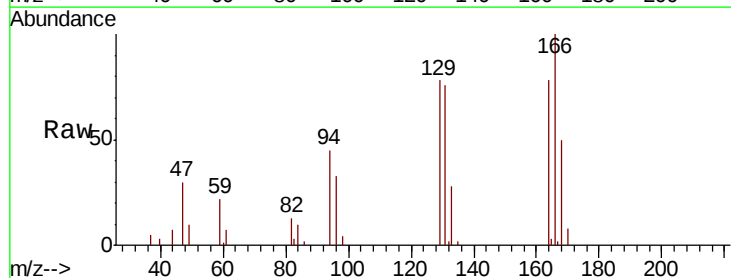


Abundance Ion 43.05 (42.75 to 43.75): VU038478.D (-2199) (-)
Ion 58.05 (57.75 to 58.75): VU038478.D (-2199) (-)
Ion 57.20 (56.90 to 57.90): VU038478.D (-2199) (-)
Ion 100.15 (99.85 to 100.85): VU038478.D (-2199) (-)

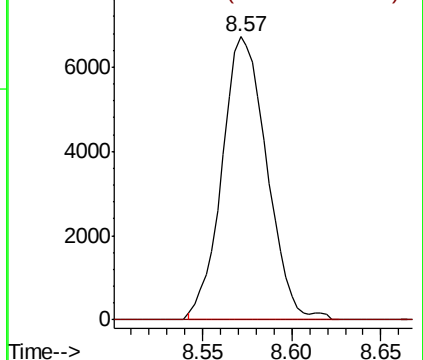
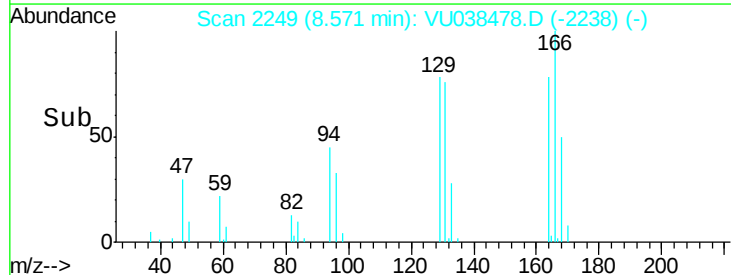


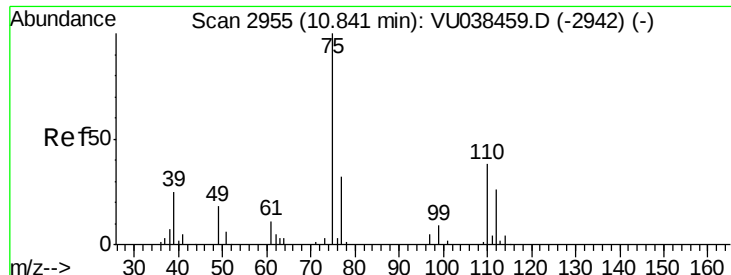
#49
Dibromochloromethane
Concen: 0.690 ug/L
RT: 8.57 min Scan# 2249
Delta R.T. -0.26 min
Lab File: VU038478.D
Acq: 01 Jun 2020 18:00

Tgt Ion: 129 Resp: 11717
Ion Ratio Lower Upper
129 100
127 0.0 53.3 99.1#



Abundance Ion 128.95 (128.65 to 129.65): VU038478.D (-2238) (-)
Ion 126.90 (126.60 to 127.60): VU038478.D (-2238) (-)





#59

1,2,3-Trichloropropane

Concen: 1.165 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.98 min

Lab File: VU038478.D

Acq: 01 Jun 2020 18:00

Instrument :

MSVOA_U

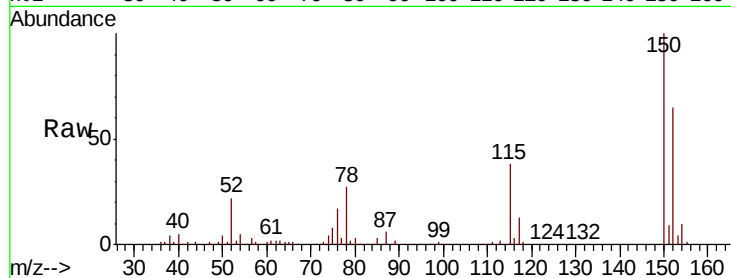
ClientSampleId :

Tot Ion: 75 Resp: 18131

Ion Ratio Lower Upper

75 100

77 37.3 25.4 38.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

